

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

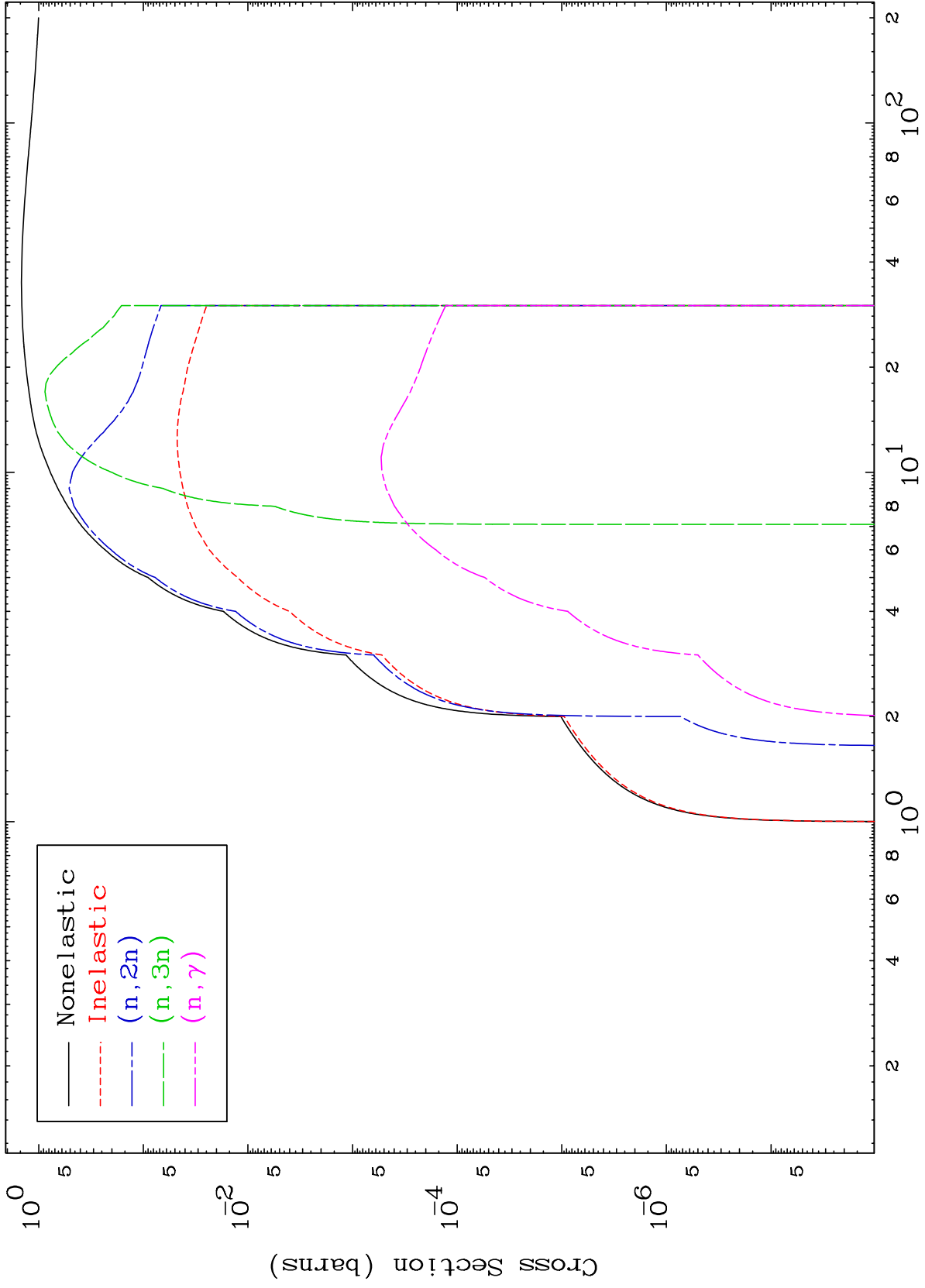
Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

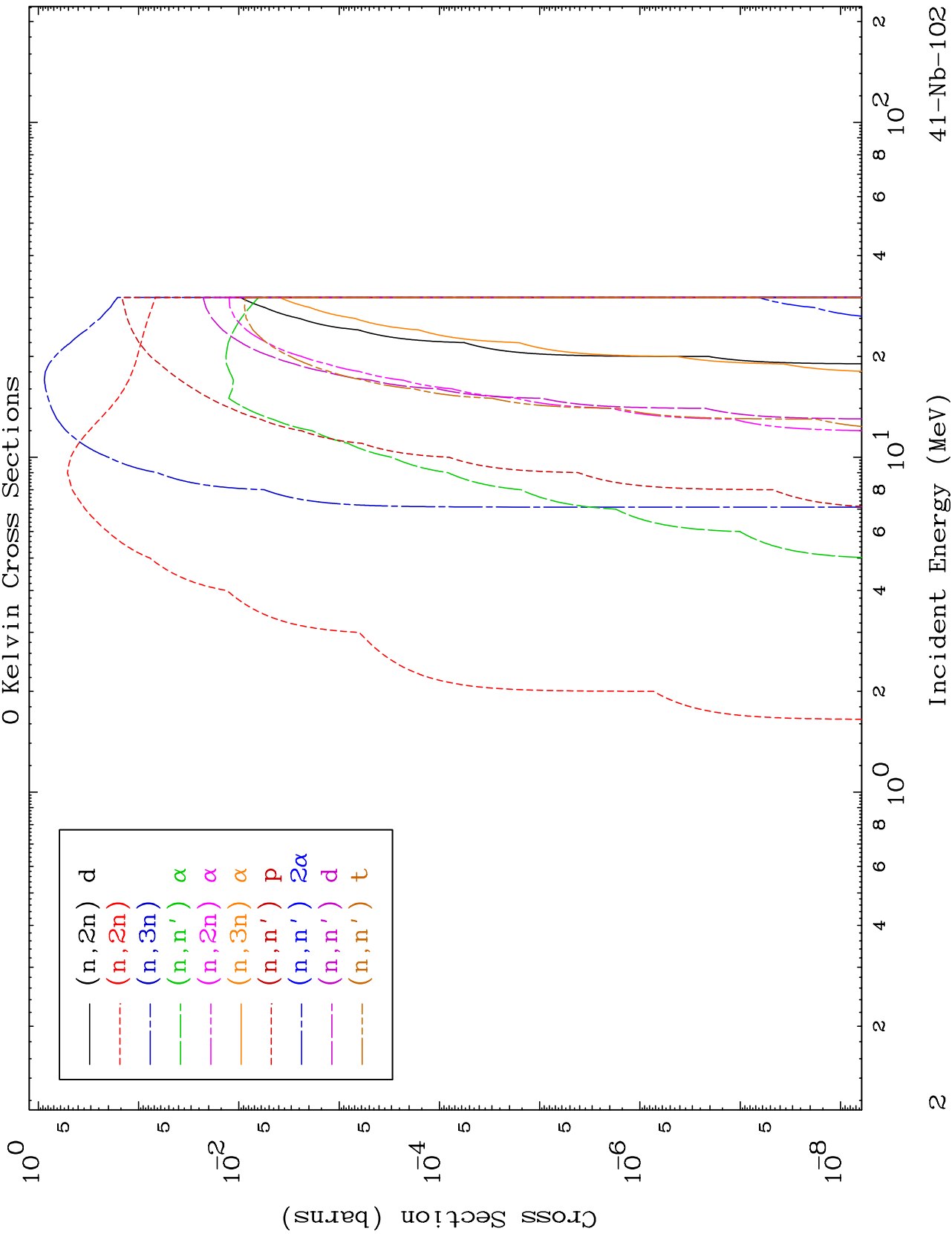
Press Mouse Button to Start

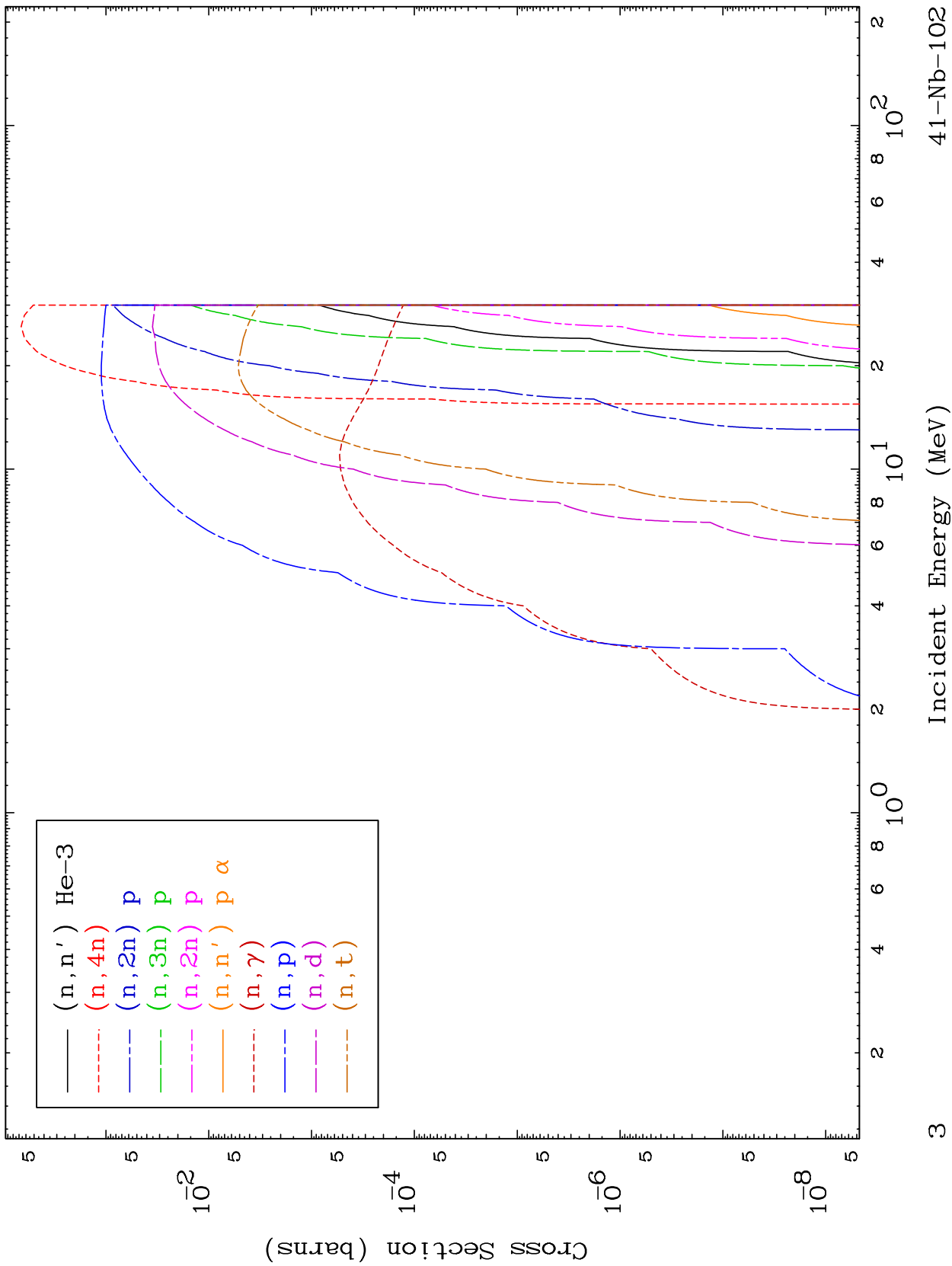


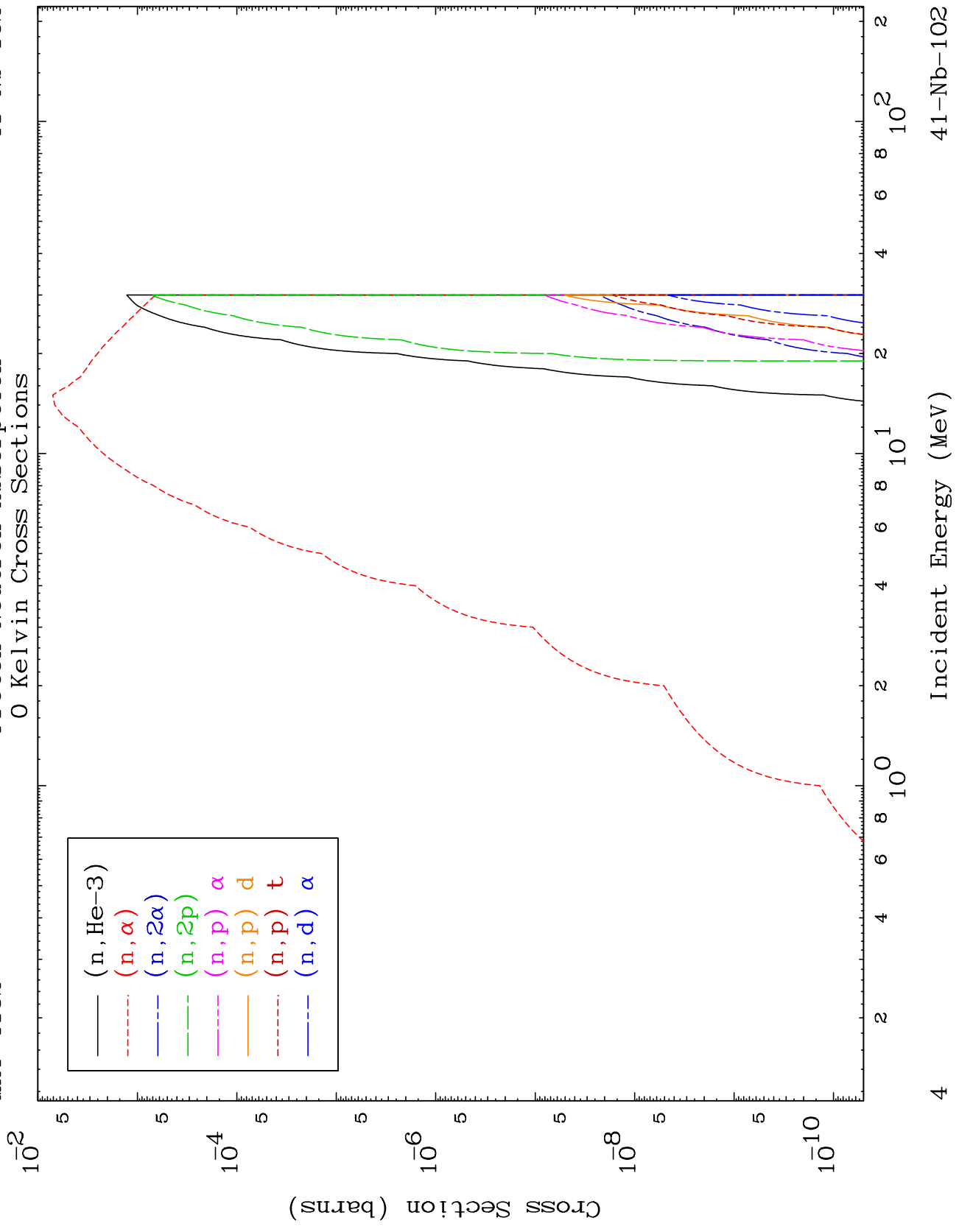
MAT 4152

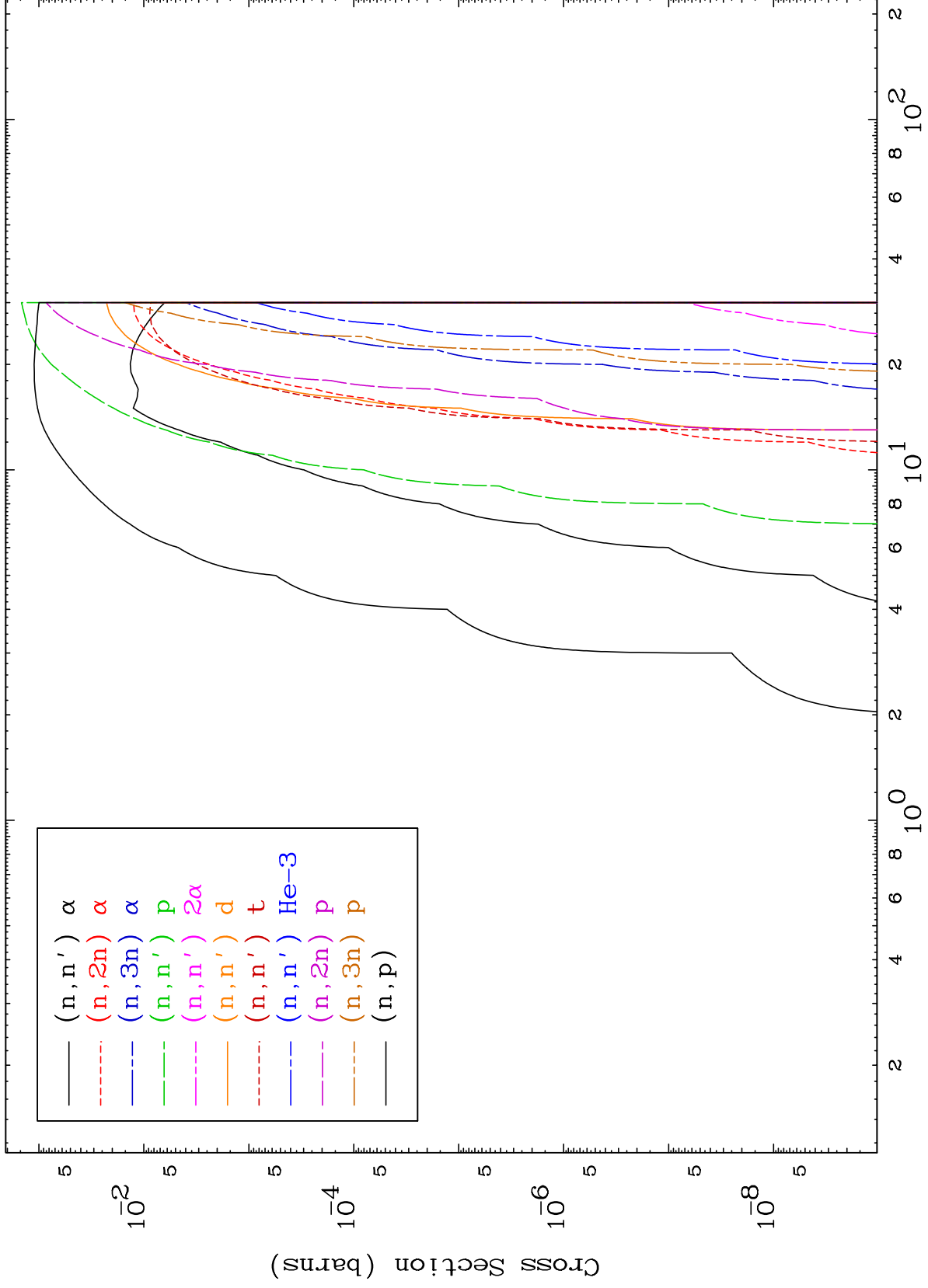
Proton Neutron Absorption  
0 Kelvin Cross Sections

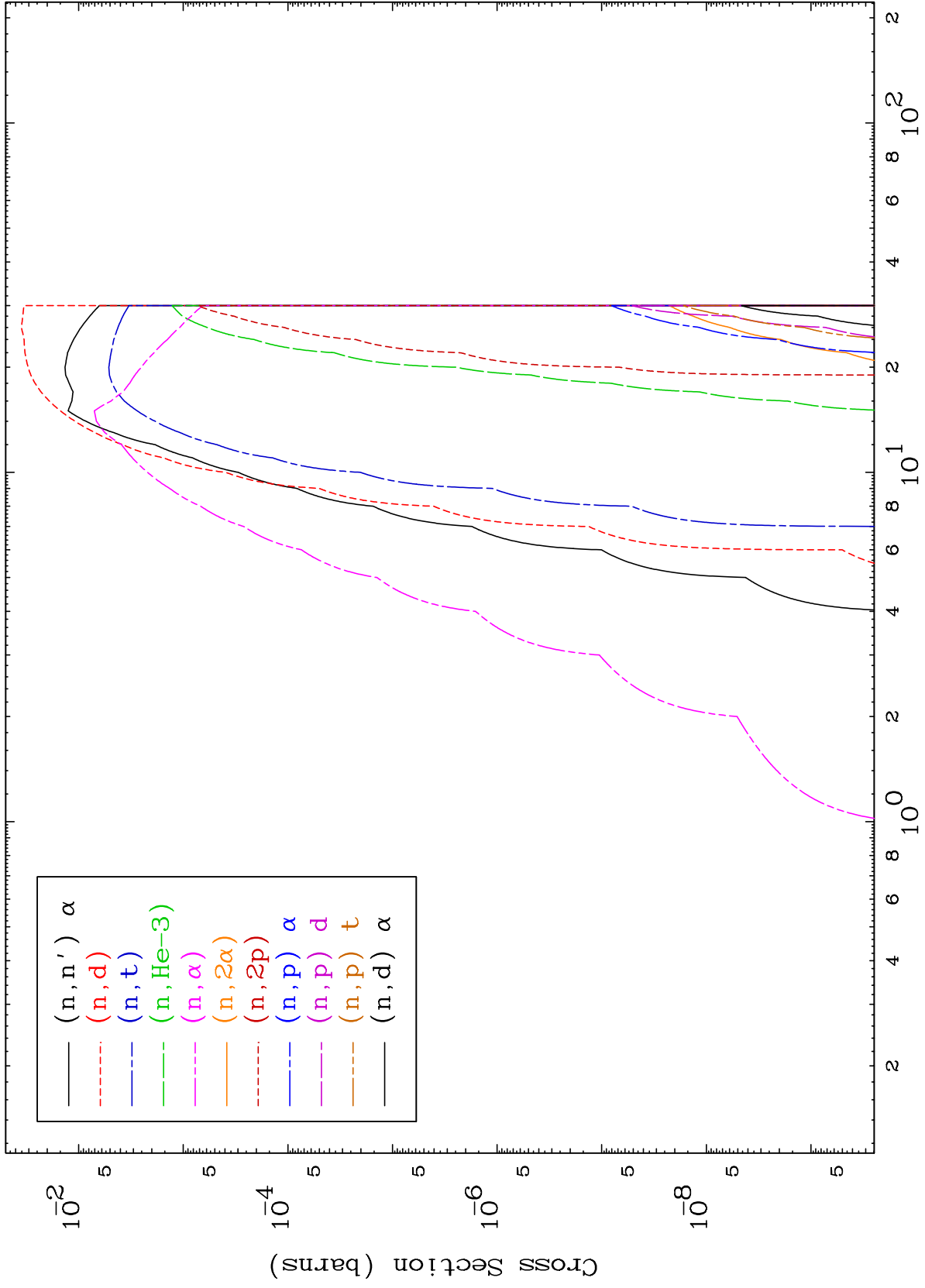
41-Nb-102







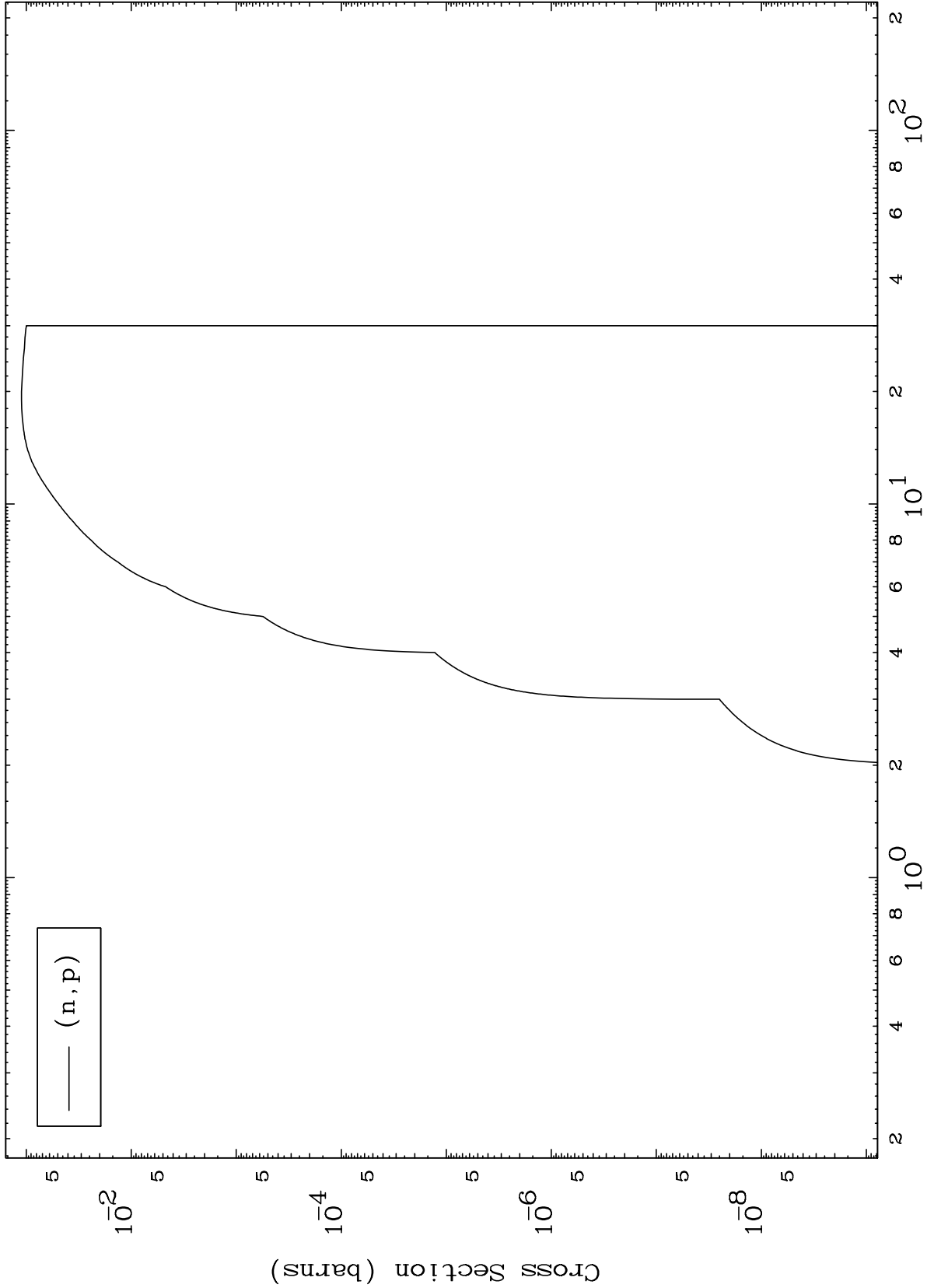




MAT 4152

41-Nb-102

(p,p) Levels  
0 Kelvin Cross Sections

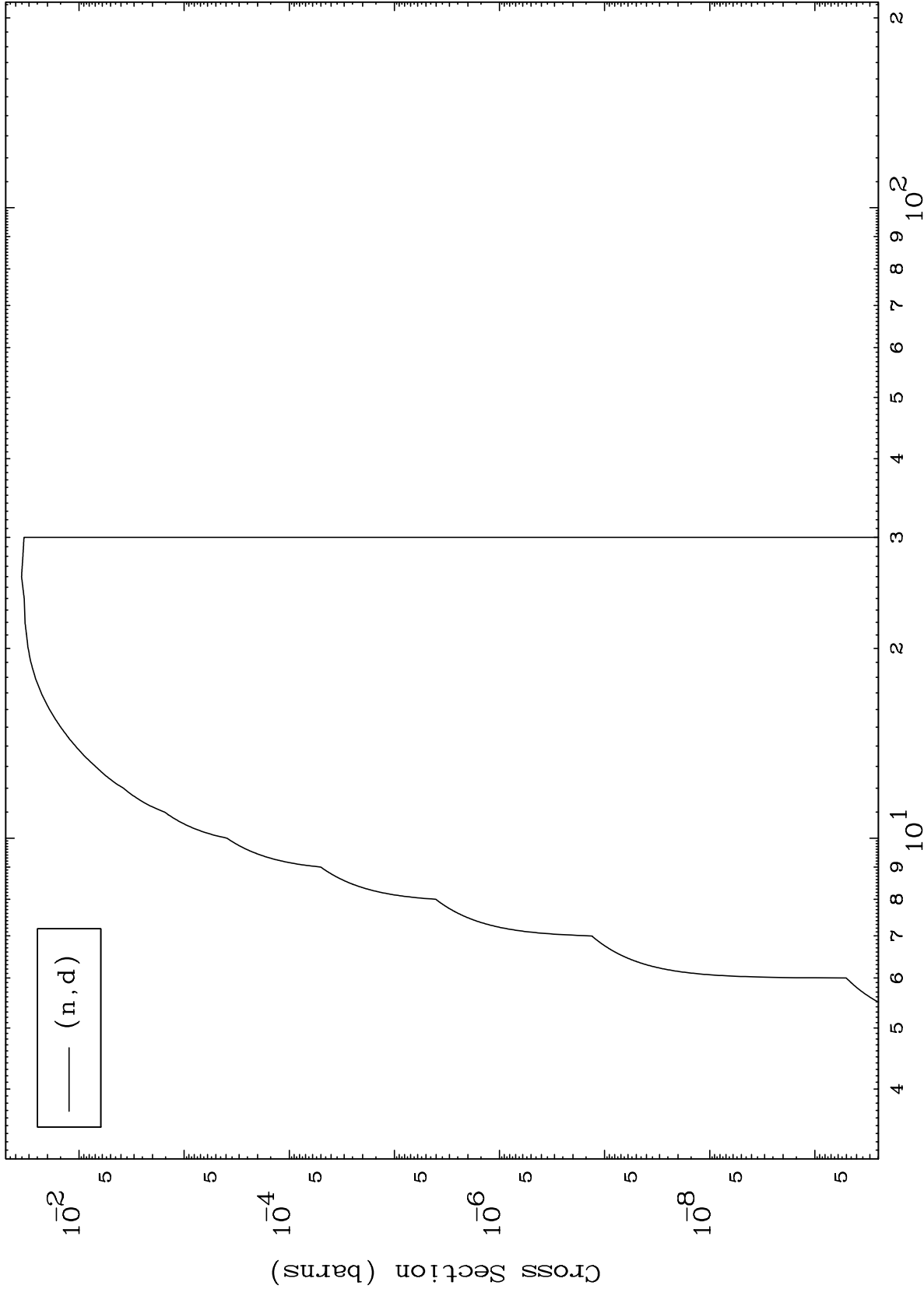




MAT 4152

41-Nb-102

(p,d) Levels  
0 Kelvin Cross Sections

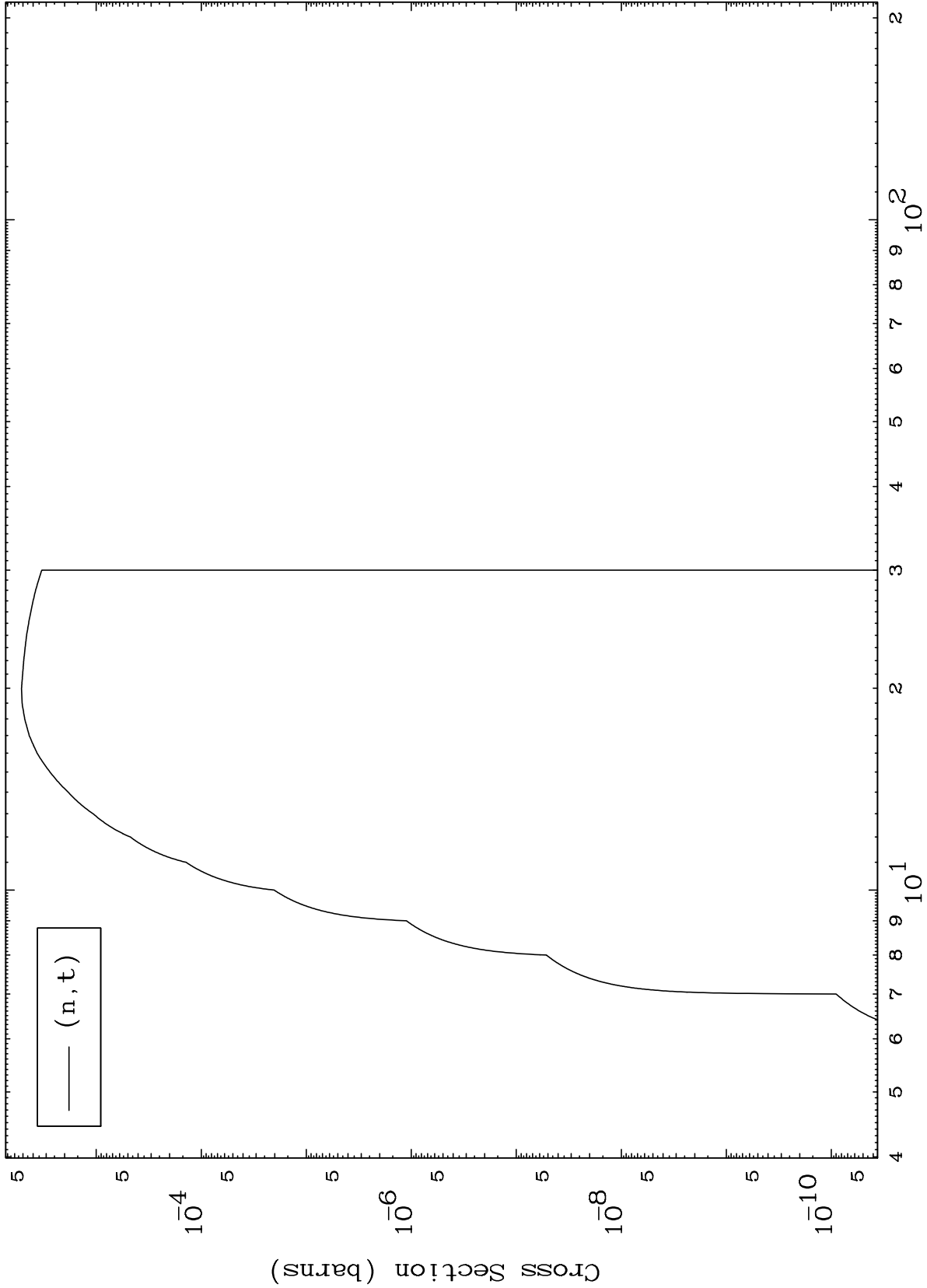


MAT 4152

(p, t) Levels

41-Nb-102

0 Kelvin Cross Sections



9

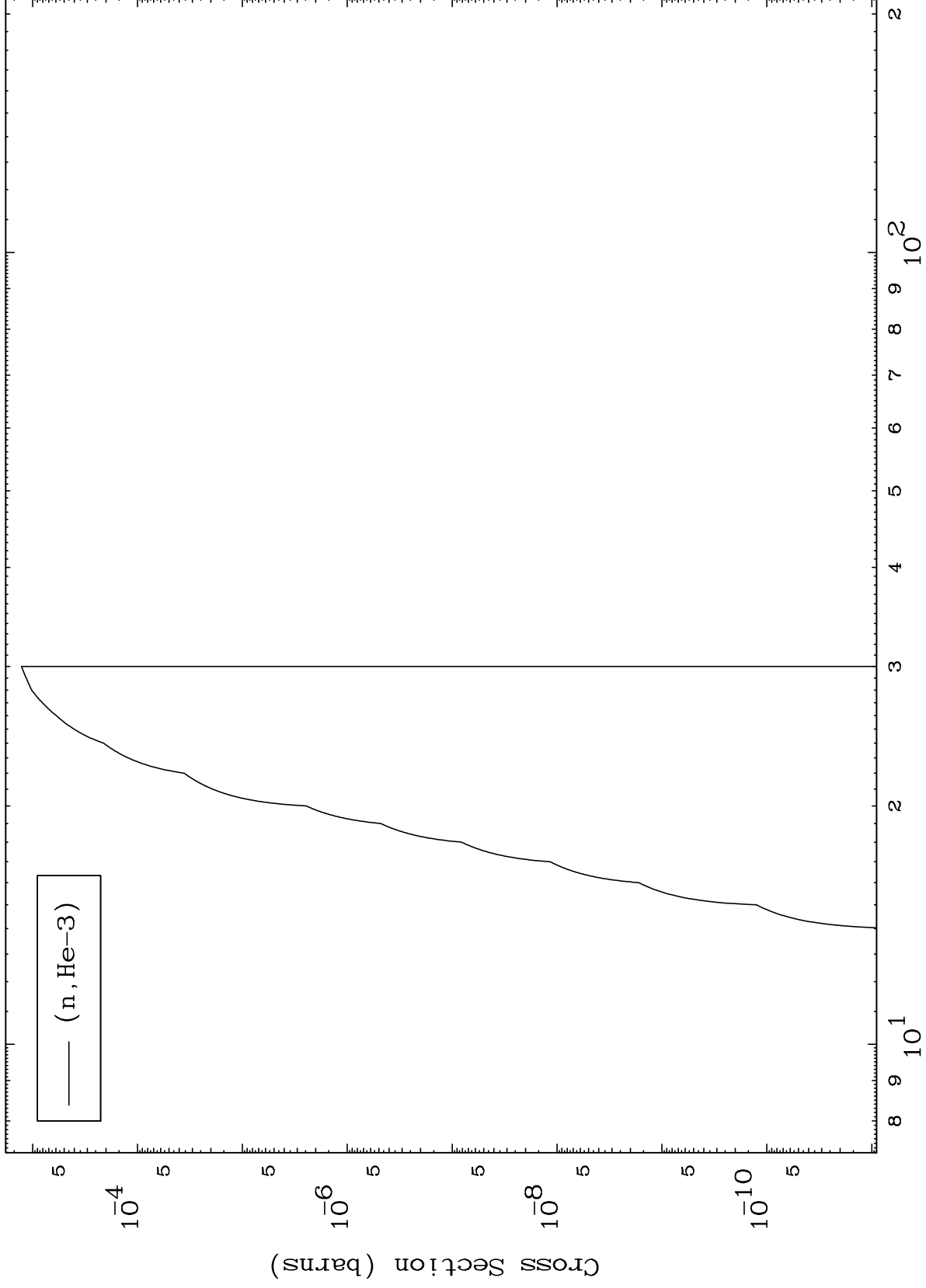
Incident Energy (MeV)

41-Nb-102

MAT 4152

(p,He3) Levels  
0 Kelvin Cross Sections

41-Nb-102



10

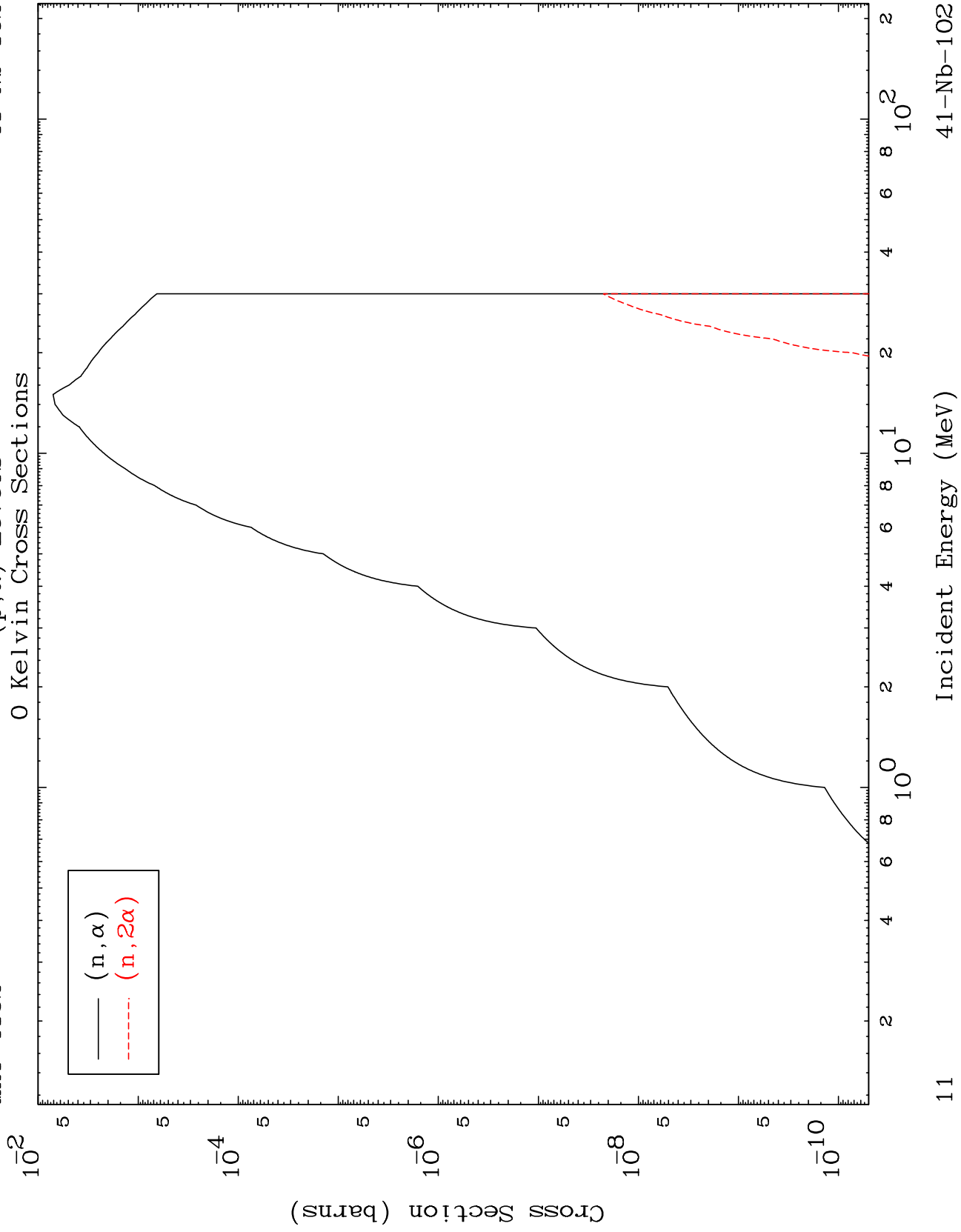
Incident Energy (MeV)

41-Nb-102

MAT 4152

(p,  $\alpha$ ) Levels

41-Nb-102

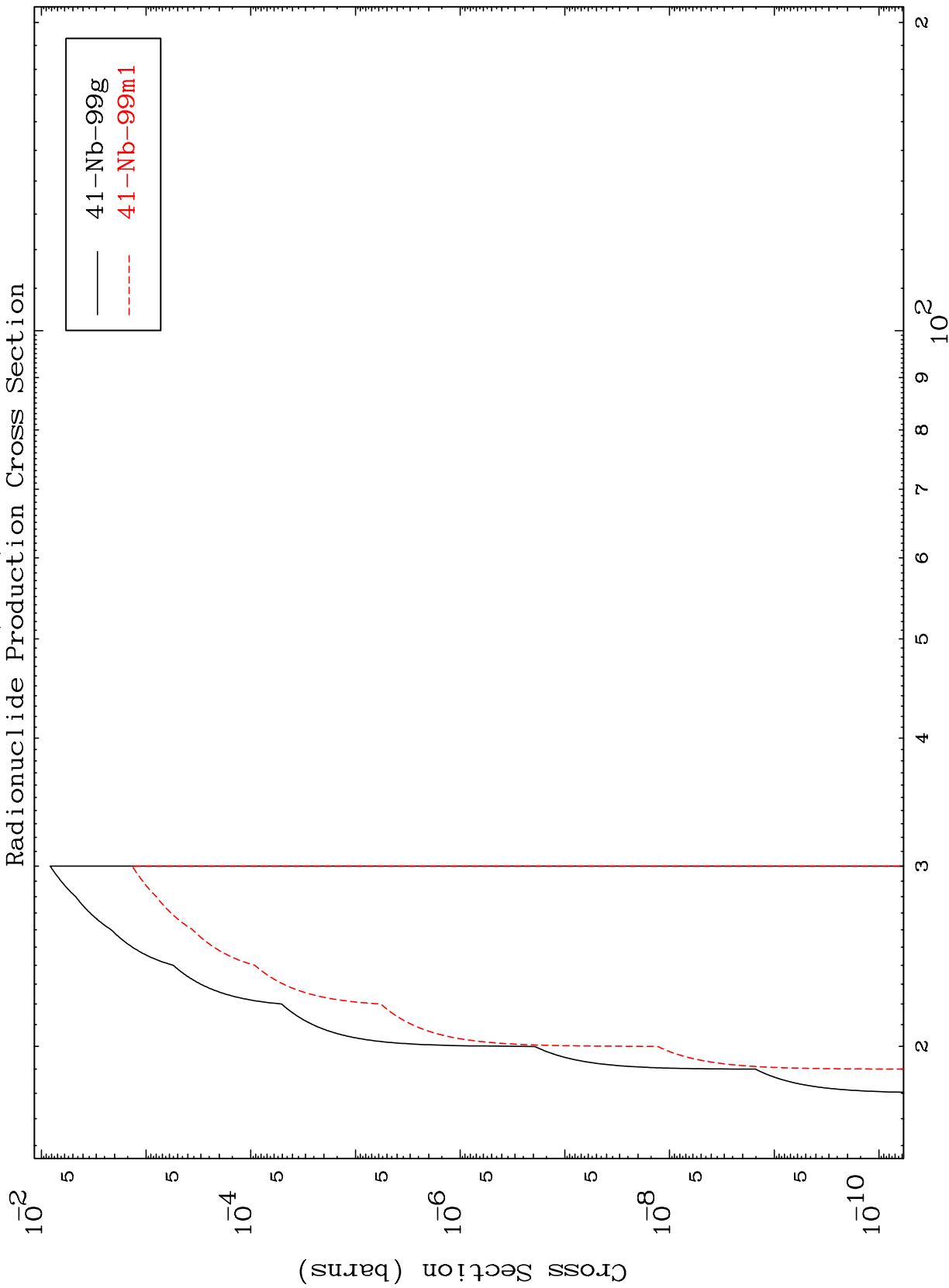


MAT 4152

(n,2n) d

41-Nb-102

Radionuclide Production Cross Section



12

Incident Energy (MeV)

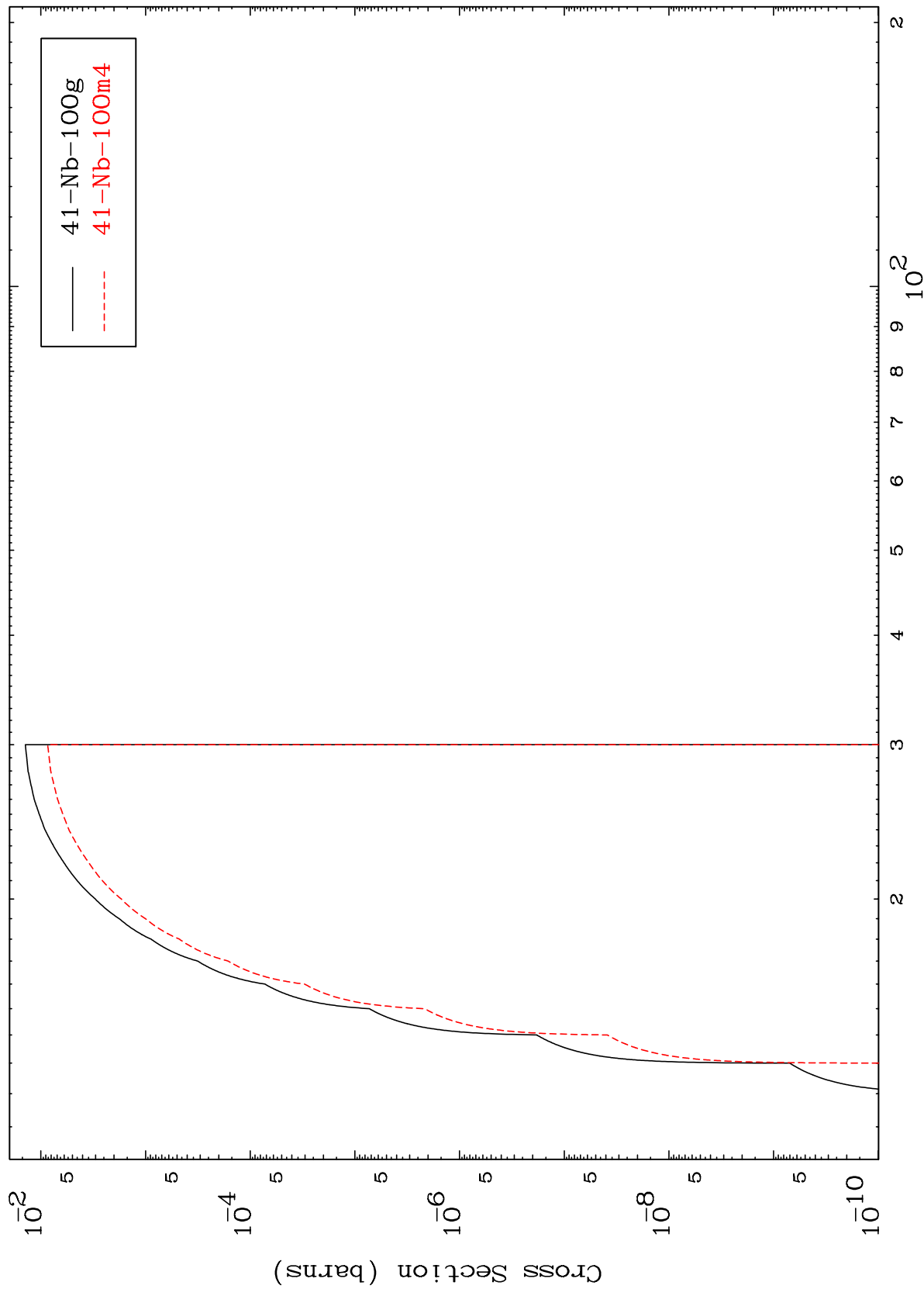
41-Nb-102

MAT 4152

(n,n') d

41-Nb-102

Radionuclide Production Cross Section



13

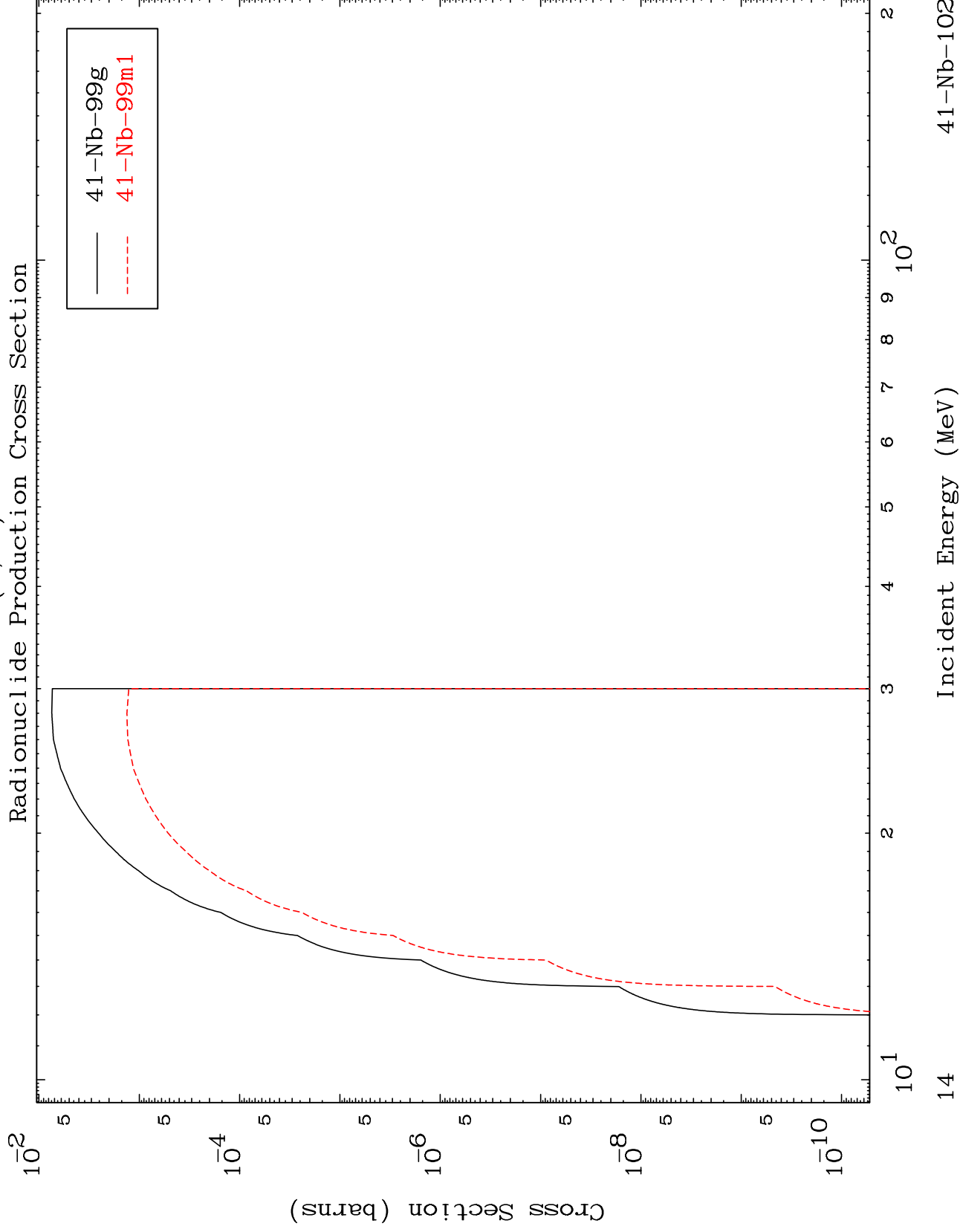
Incident Energy (MeV)

41-Nb-102

MAT 4152

(n,n') t

41-Nb-102



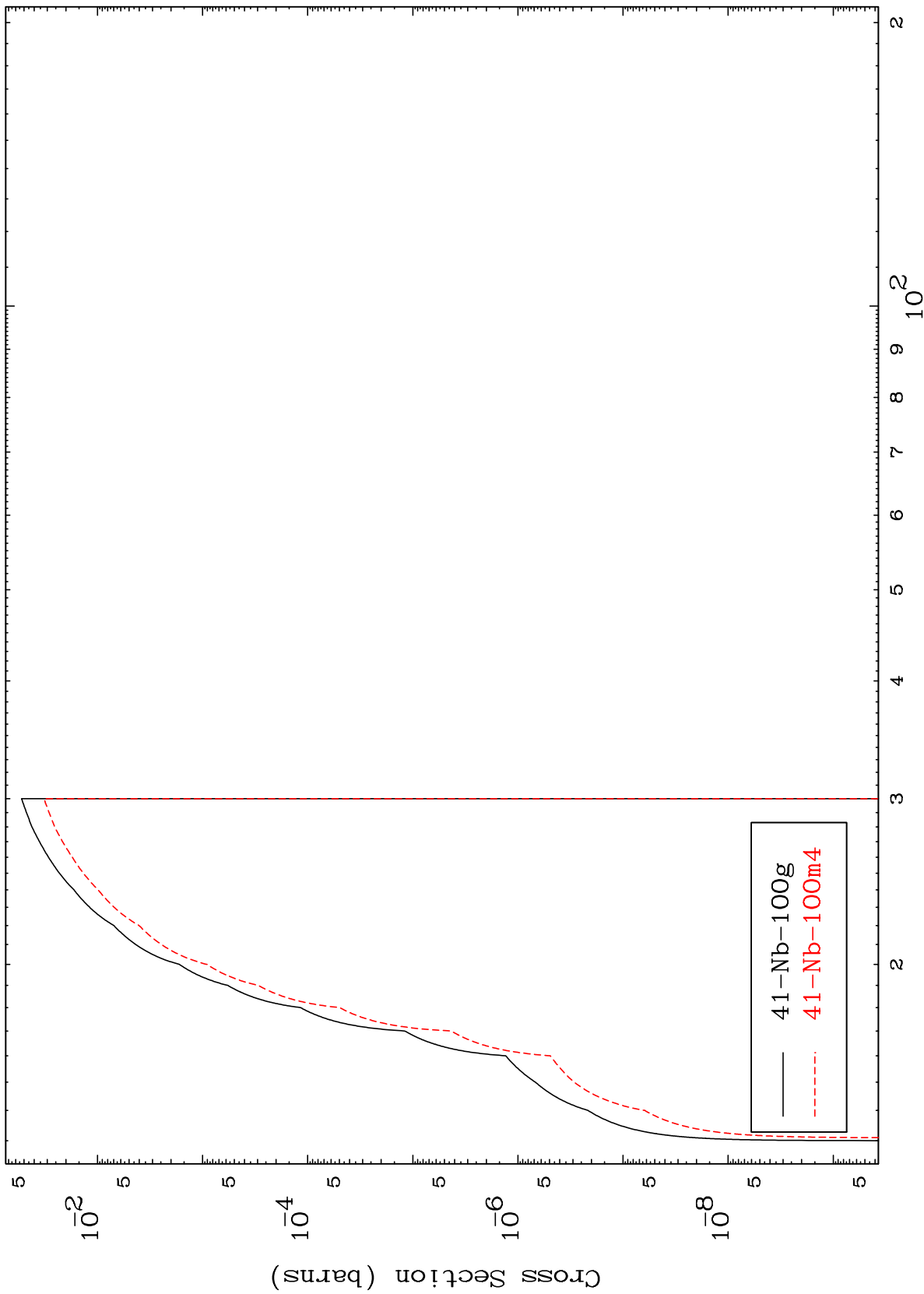
41-Nb-102

MAT 4152

(n,2n) p

41-Nb-102

Radionuclide Production Cross Section



15

Incident Energy (MeV)

41-Nb-102

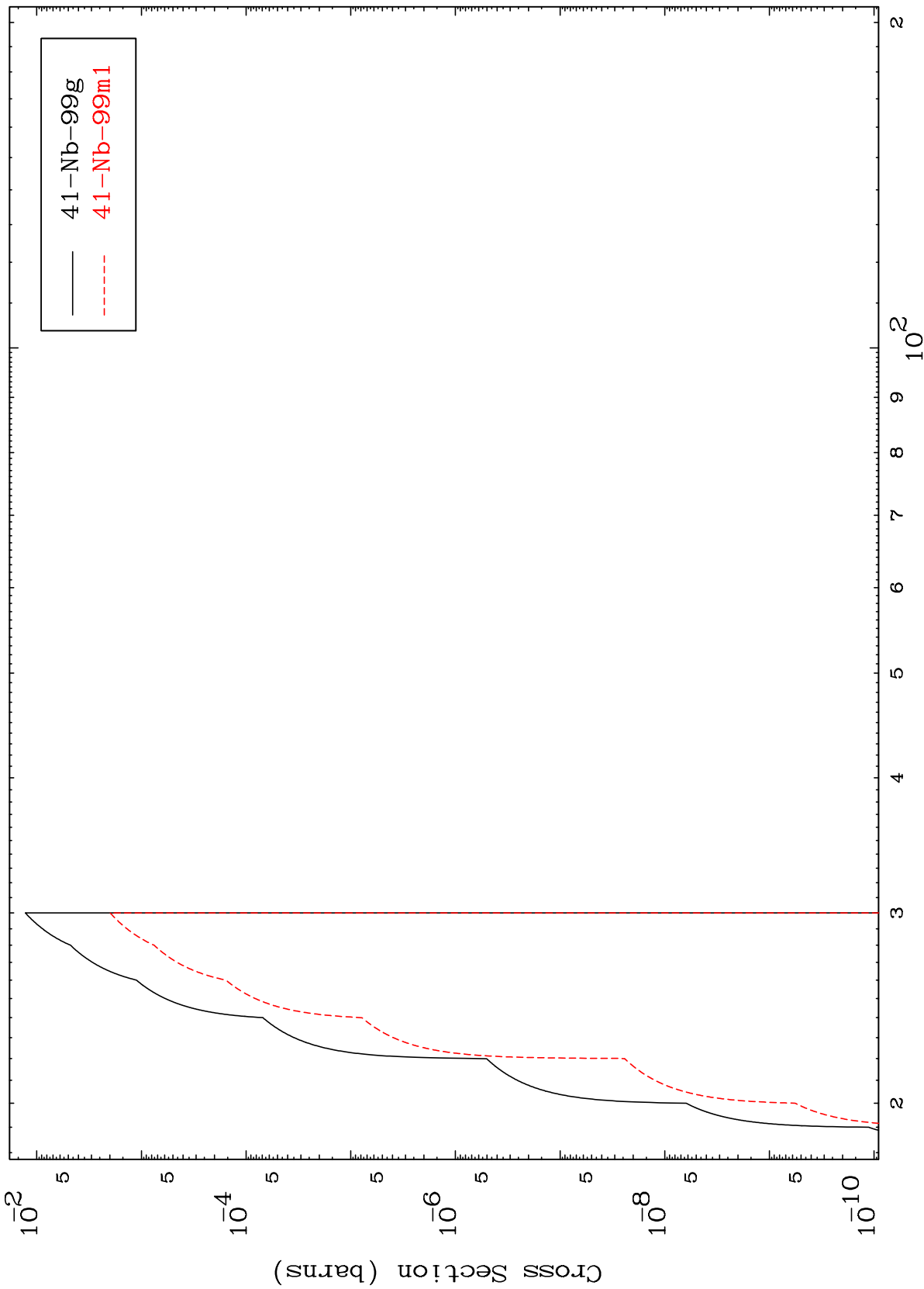


MAT 4152

(n,3n) p

41-Nb-102

Radionuclide Production Cross Section



16

Incident Energy (MeV)

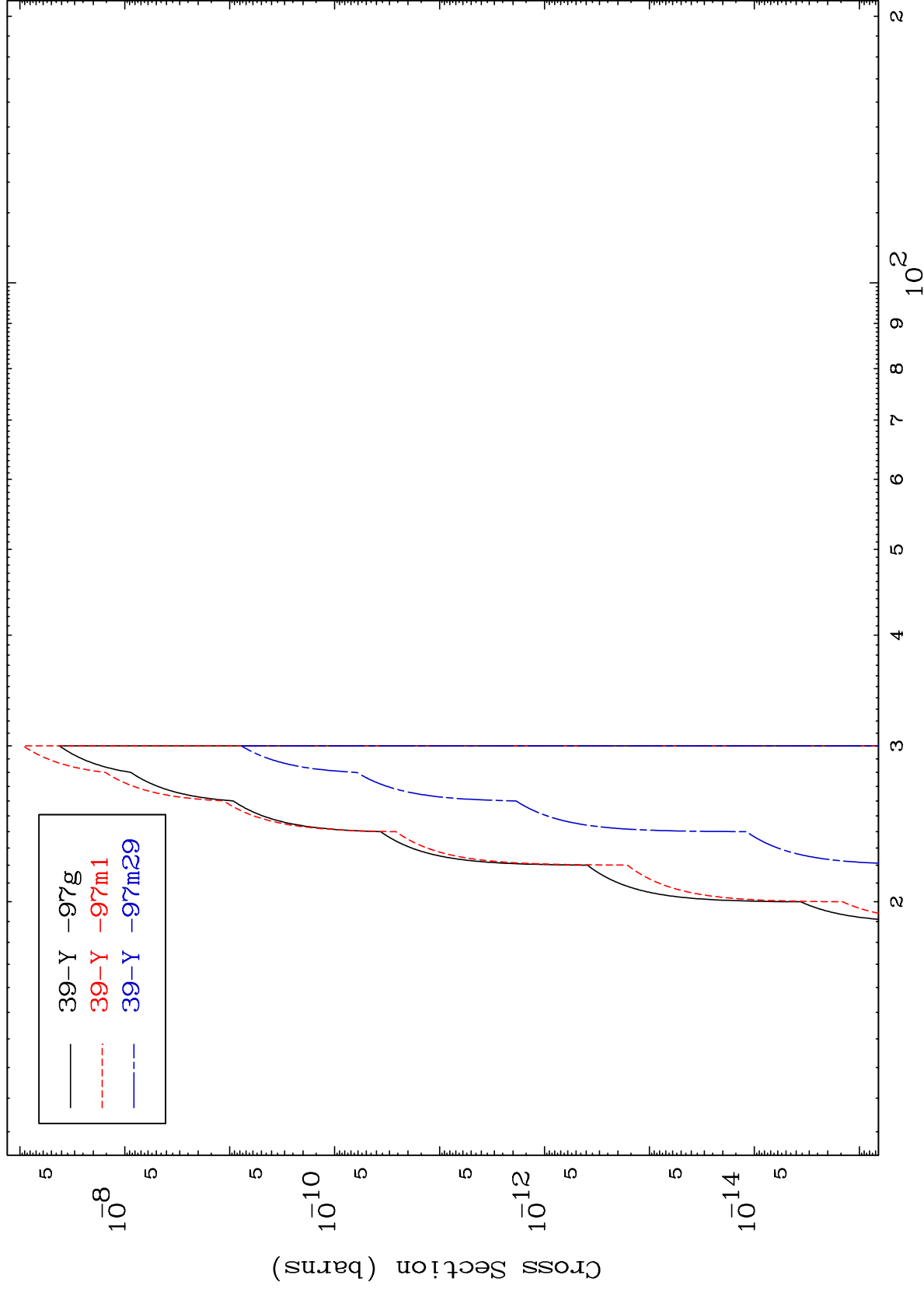
41-Nb-102

MAT 4152

(n,n') p  $\alpha$

41-Nb-102

Radionuclide Production Cross Section



17

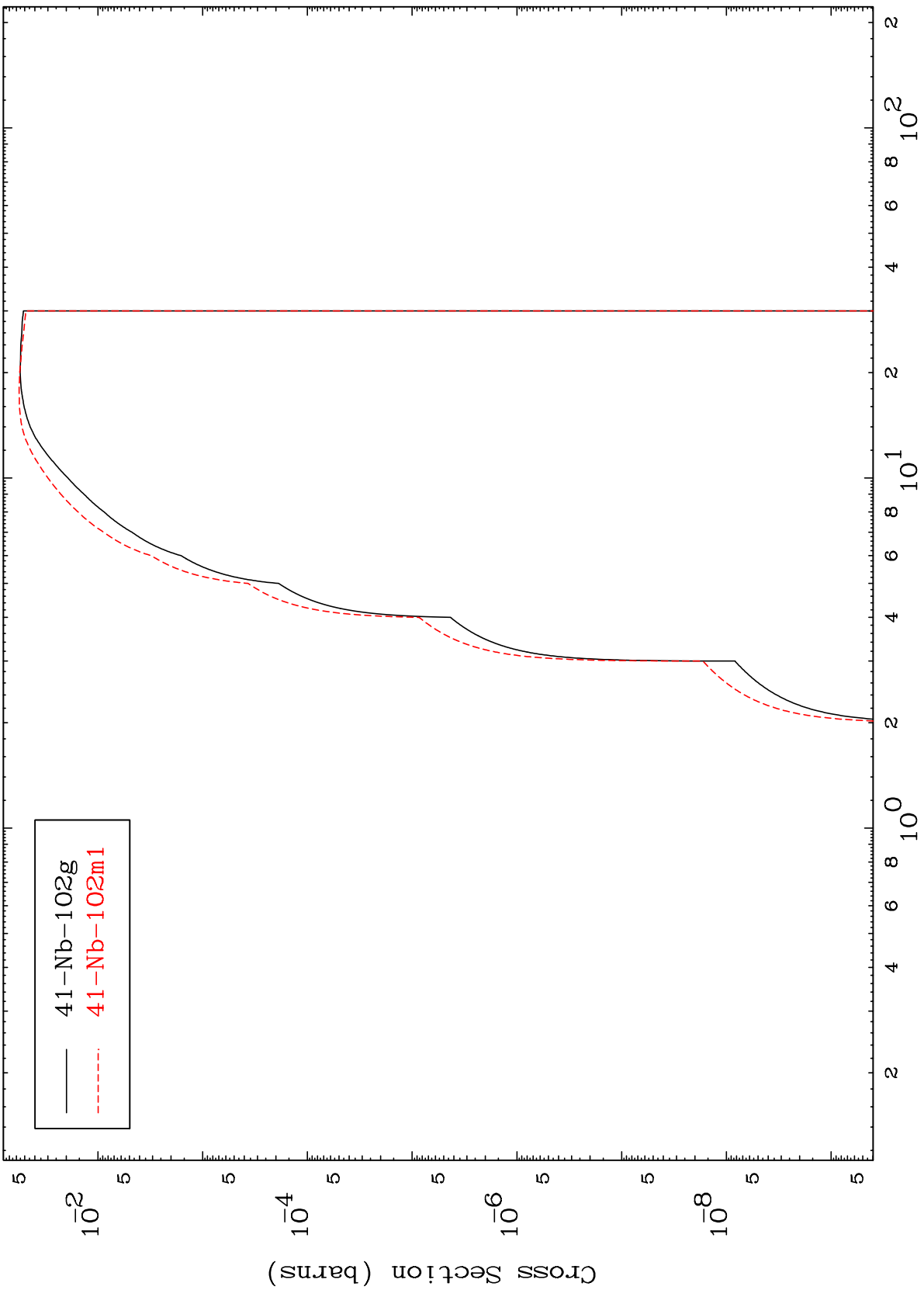
Incident Energy (MeV)

41-Nb-102

MAT 4152

41-Nb-102

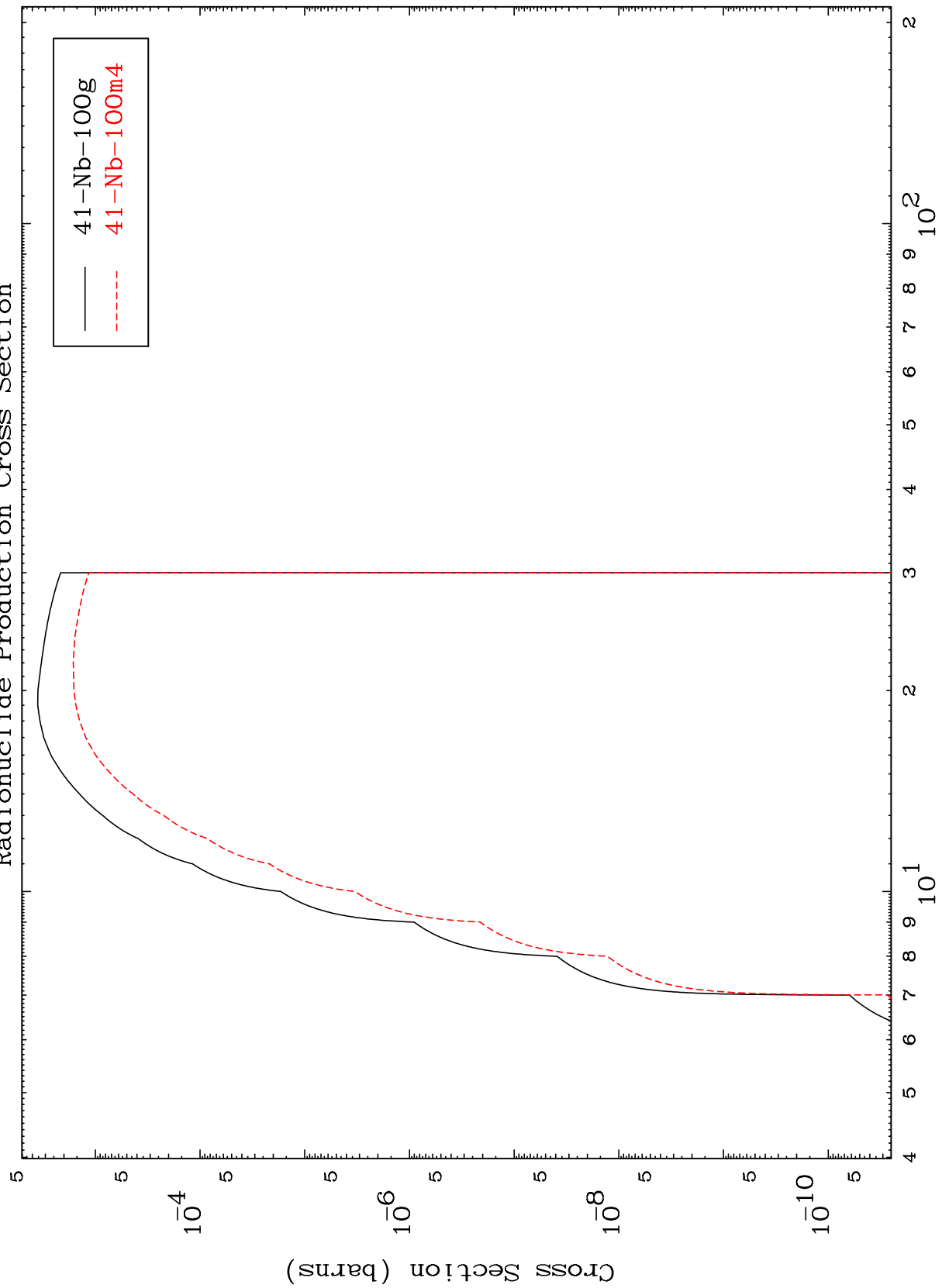
(n,p)  
Radionuclide Production Cross Section



MAT 4152

41-Nb-102

(n, t)  
Radionuclide Production Cross Section



19

Incident Energy (MeV)

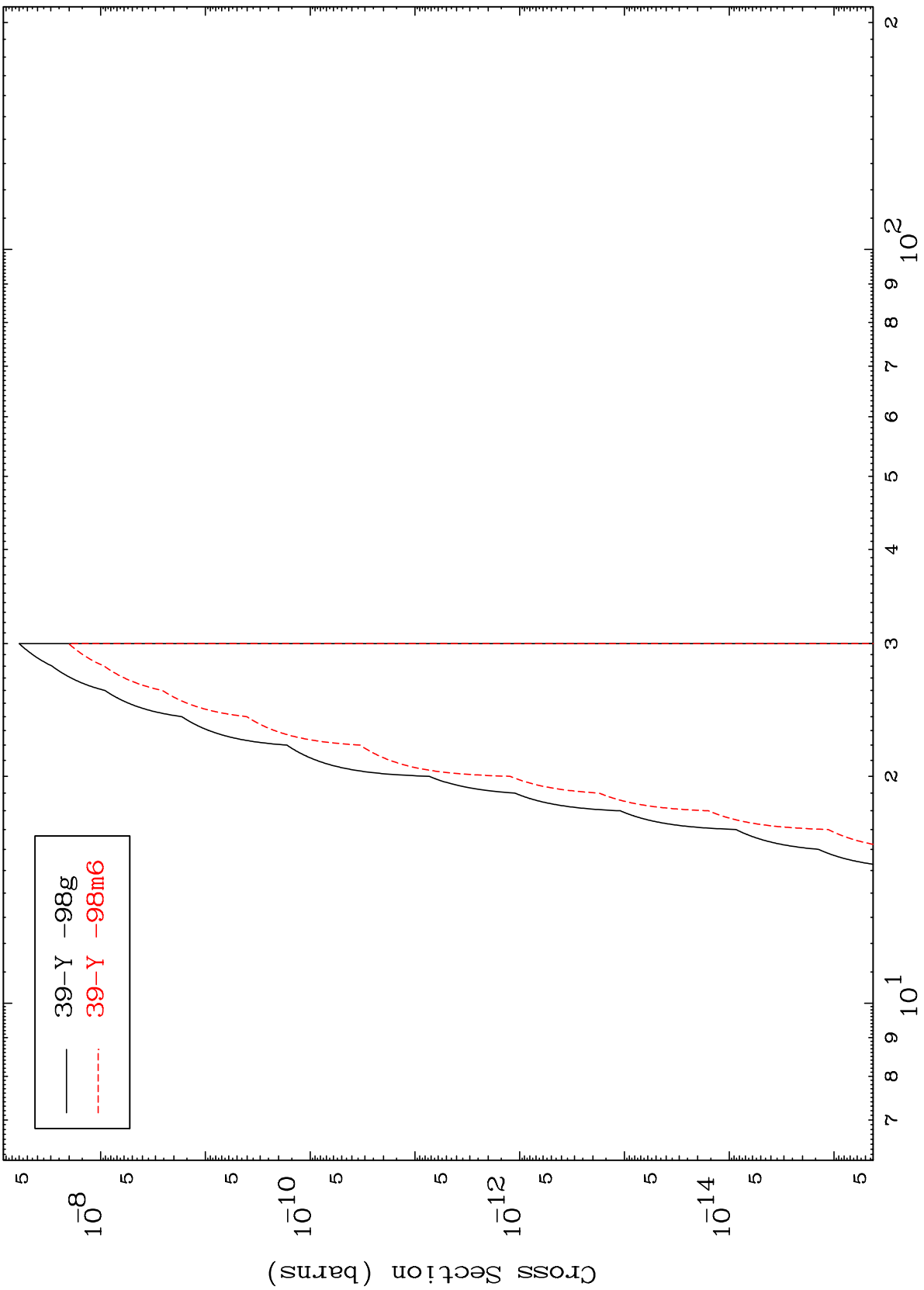
41-Nb-102

MAT 4152

(n,p)  $\alpha$

41-Nb-102

Radionuclide Production Cross Section



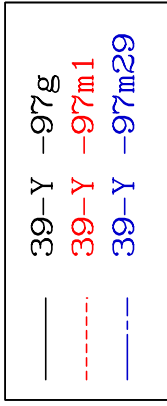
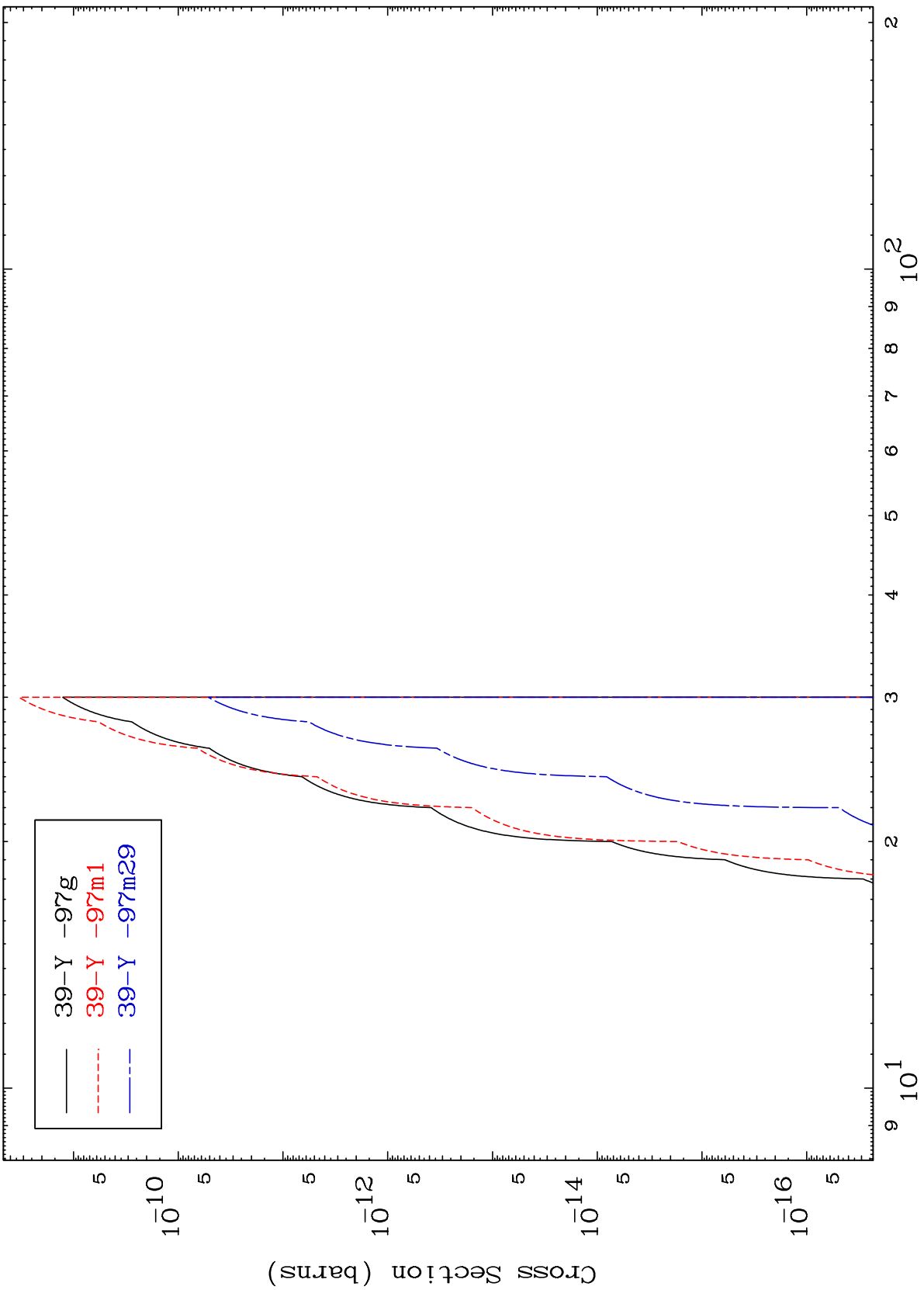
39-Y -98g  
39-Y -98m6

MAT 4152

(n,d)  $\alpha$

41-Nb-102

Radionuclide Production Cross Section



21

Incident Energy (MeV)

41-Nb-102